

**Supplementary Table 3. An overview of the RNA-seq statistics of *Camellia chekiangoleosa* tissues.**

Each tissue type includes three biological replicates. Q20 and Q30 represent base call accuracy of 99% and 99.9% respectively. FB, Floral Bud; EX, Exocarp; ME, Mesocarp; EN, Endocarp; SC, Seed Coat; SK, Seed Kernel.

Sample	Raw Reads	Raw Bases	Clean Reads	Clean Bases	Valid rate (%)	Q20 (%)	Q30 (%)	GC (%)
FB_1	66697194	10.07G	64344974	9.47G	96.47	98.23	95.03	45.27
FB_2	84246372	12.72G	81454180	11.97G	96.69	98.10	94.81	45.39
FB_3	86757252	13.10G	83820638	12.34G	96.62	98.24	95.02	45.57
EN_1	79572064	12.02G	77454800	11.40G	97.34	98.16	94.89	45.54
EN_2	87383270	13.19G	85400092	12.58G	97.73	98.24	95.02	46.14
EN_3	81941748	12.37G	80176182	11.80G	97.85	98.21	94.97	46.04
SK_1	81256296	12.27G	79404974	11.68G	97.72	98.17	94.88	45.53
SK_2	75136956	11.35G	72810172	10.71G	96.90	98.20	94.96	45.76
SK_3	85564586	12.92G	83440540	12.28G	97.52	98.21	94.97	45.98
EP_1	80838750	12.21G	77915068	11.50G	96.38	98.40	95.29	46.07
EP_2	74659820	11.27G	72095568	10.66G	96.57	98.45	95.36	47.24
EP_3	85281996	12.88G	82237258	12.15G	96.43	98.44	95.35	46.54
ME_1	78968354	11.92G	76791370	11.35G	97.24	98.42	95.30	47.12
ME_2	68368758	10.32G	66657086	9.85G	97.50	98.44	95.35	46.96
ME_3	81224454	12.26G	79565026	11.76G	97.96	98.44	95.38	45.93
SC_1	81520820	12.31G	79128248	11.69G	97.07	98.41	95.31	45.28
SC_2	81302620	12.28G	78885922	11.64G	97.03	98.32	95.12	45.91
SC_3	66648220	10.06G	65223778	9.64G	97.86	98.45	95.44	45.51
Avg.	79298307							